



Summer School 2014

Intended Nationally Determined Contributions: Challenges

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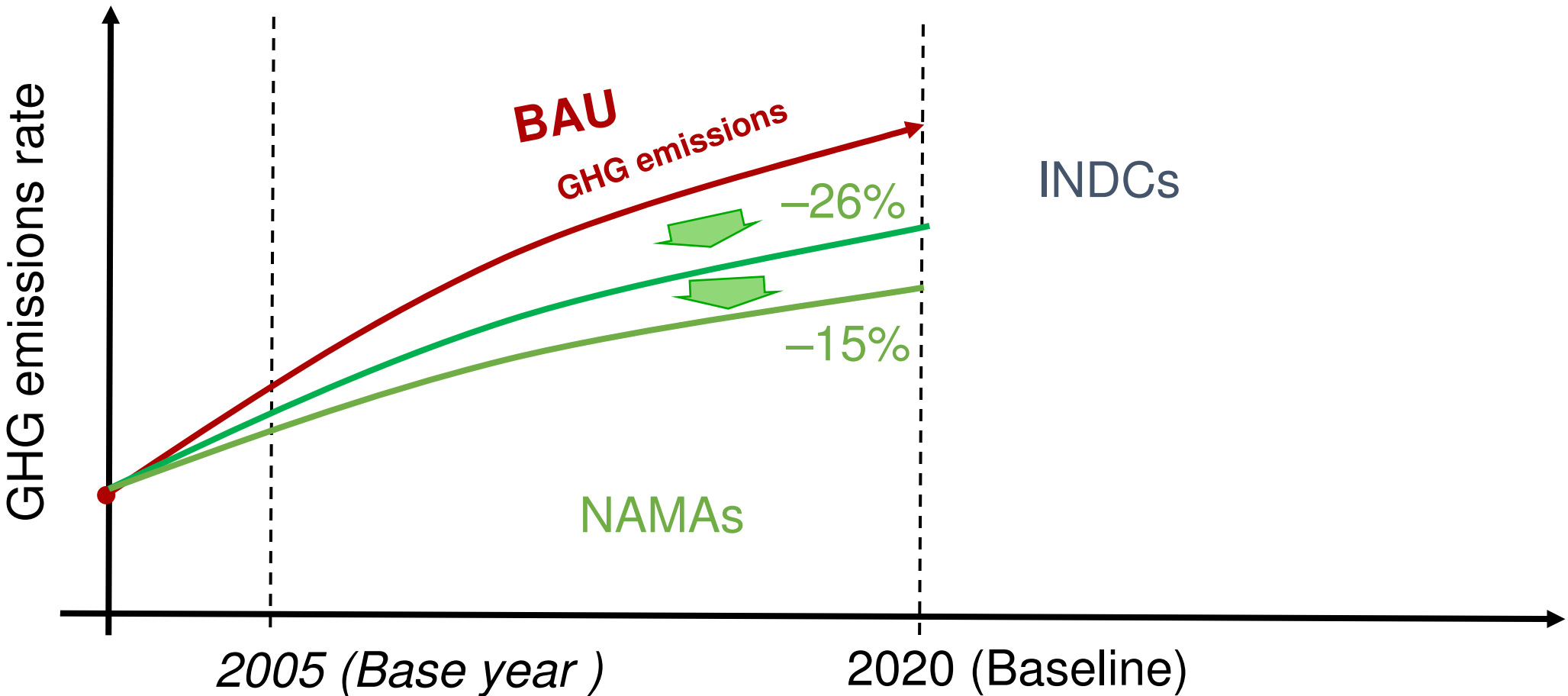
National Council on Climate Change-Indonesia

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Structure of presentation

- Lesson learned pre-2020
- Challenges
- INDCs preparation

Indonesian GHG emission is projected to increase from 1.72 to 2.95 Gton CO₂e (2000-2020).



Nationally Appropriate Mitigation Actions

1. Sustainable peat management
2. Reduction in rate of Deforestation and land degradation
3. Development of carbon sequestration projects in forestry and agriculture
4. Promotion of energy efficiency
5. Development of alternative and renewable energy sources
6. Reduction in solid and liquid waste
7. Shifting to low emissions transportation mode

Contributions to what? Article 2

The ultimate objective of this Convention and any related legal instruments that the Conference of the Parties may adopt is to achieve, in accordance with the relevant provisions of the Convention, **stabilization of greenhouse gas concentrations** in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system. Such a level should be achieved **within a time-frame sufficient to allow ecosystems to adapt naturally to climate change, to ensure that food production is not threatened and to enable economic development to proceed in a sustainable manner.**

Pre-2020

• Kyoto Protocol

- GHG inventory
- National Communication
- BUR
- Voluntary GHG emissions reduction (NAMAs)
- MRV
- Law and regulation, strategy, program
- Institutional arrangement

Post-2020

• The 2015 Agreement

- INDCs
 - Up-front information



Average temperature <math>< 2^{\circ}</math> C

Up-front information relevant to all types of contributions

Base year, target year/period, sector coverage, GHG coverage, GWP, inventory methodology, use of market units, land use approach, conditions attached to target (upper bound of target corridor), indicators related to fairness and ambition

Up-front information relevant to specific types of contributions

Quantified Absolute Target:
Projections of emissions

Intensity Target:
GDP in base year, methodology to measure GDP/GDP growth

Business-As-Usual:
Projected emissions in BAU for target year/period, projected GDP in target year/period, methodology to project BAU

Set of Policies and Measures:
Description of policy, methodology to measure impact of policy, methodology to project emissions in target year/period

Institutional arrangement

		Key Sectors				
		Forestry and Peat land	Agriculture	Energy and Transportation	Industry	Waste
Element		Mitigation, Adaptation, Technology, Capacity building, Finance				
Institution	BAPPENAS	Mainstreaming CC into national development planning				
	MoFinance	Budgeting				
	MoEnv	GHG Inventory coordinator, MRV and other environment policy and program, international communication				
	Ministries	GHG inventory and Mitigation				
		MoFor, BP REDD	MoAgr	MoEMR, MoTrans	MoInd	MoPW, MoEnv
	National Council on CC	International negotiation and communication, INDCs preparation				
Local Government	GHG Inventory and mitigation					

Where are we now?

- Total GHG emissions reduction 10.4% of 26% (2013).
 - Forestry sector (One billion trees program, land covered due to forest and land fires)
 - Energy sector (Kerosene conversion to LPG, energy and water efficiency program)
 - Waste management (3R program)

Challenges

- Resources mobilization → common understanding
- Data collection and selection
- Improving the current system and capacity toward the 2015 Agreement
 - Law and regulation
 - Institutional arrangement
 - Strategy, program and project
 - Methodology
 - MRV
- Financial and technical capabilities
- Research and development
- New government administration

Next step for INDCs preparation...

- Kick-off meeting 13 August 2014
- Focus Group Discussions:
 - INDCs : Mitigation in PROPER, Energy and industry sector
19/22 September 2014
 - INDCs : Mitigation in Waste, AFOLU sector 2 October 2014
- Seminar and public consultations
 - ICU Manado 8-9 October 2014
 - ICU Medan 28-29 October 2014
- Research

Research:

- Assessment and modeling of GHG emissions projection
 - GHG emissions projection in Energy and Transportation Sector
 - GHG emissions projection in AFOLU Sector
 - GHG emissions projection in Waste Sector
 - GHG emissions projection in Industry Sector
- Scenario of GHG emissions reduction considering economic growth

Thank you

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